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AP - JP19810025254 19810313

CPY - YOSI

DC - A32 M11

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IC - C25D11/20 ; C25D13/00

KS - 0229 2420 2439 2589 2595 2728

MC - A11-B05A A12-B04B M11-E M11-G

PA - (YOSI ) YOSHIDA KOGYO KK

PN - JP57152495 A 19820920 DW198243 006pp

- JP60014119B B 19850411 DW198519 000pp

PR - JP19810035254 19810313; JP19810025254 19810313

XIC - C25D-011/20 ; C25D-013/00

AB - J57152495 An opaque white layer is produced on Al surface by (a) forming an anodic oxidation layer on the Al surface in a known manner, (b) electrolysing in aq. electrolyte of pH 0.3-3.5 contg. 10 g/l-satn. of phosphoric acid, phosphorous acid or their salt with alternating or direct current, and (c) applying a transparent resin layer by an electrophoretic coating.

- Pref. the anodic oxidation layer is produced by anodically electrolysing an aq. soln. contg. sulphuric acid and opt. nitric acid. The phosphate is e.g., ammonium prim. phosphate, ammonium sec. phosphate, ammonium tert. phosphate, sodium prim. phosphate or potassium phosphate etc. The phosphite is, e.g., ammonium phosphite, sodium hydrogen phosphite, potassium hydrogen phosphite or magnesium phosphite etc.

- An opaque white layer of uniform colour tone is obtd.

IW - FORMING WHITE OPAQUE LAYER ALUMINIUM ANODE OXIDATION ELECTROLYTIC PHOSPHORIC PHOSPHORUS ACID ELECTROLYTIC ELECTROPHORESIS COATING TRANSPARENT RESIN

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NC - 001

OPD - 1981-03-13

ORD - 1982-09-20

PAW - (YOSI ) YOSHIDA KOGYO KK

TI - Forming white opaque layer on aluminium - by anodically oxidising, electrolysing in phosphoric or phosphorus acid electrolyte and electrophoretically coating with transparent resin